



# Guideline Delivery

Version 1.0



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## NES Guideline - Delivery

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### 1 introduction

The Northern European Subset (NES) group was established to enable interoperability of procurement data between users of the Universal Business Language (UBL). UBL is a royalty-free library of XML documents addressing the requirements of electronic procurement and international trade and transportation. Its second version (UBL 2.0) was released as an OASIS standard in December 2006. NES members contributed extensively to the development of this version of the standard.

The focus of NES is to define the specific use of UBL 2.0 electronic procurement documents domestically and between the member countries. The definition covers semantic interoperability within and between all business sectors, public and private.

This guideline is one of a series of documents describing the purpose and use of the business documents that comprise the NES subset of UBL 2.0.

All cardinalities shown in this document represent elements and associations at NES library level; see 'NES Information Model Architecture' for further information.

#### 1.1 purpose

The purpose of this guideline is to specify the use of classes and elements used to specify delivery information.

#### 1.2 summary

- Delivery contains information about delivery times, periods, Parties, Locations and Quantities
- Delivery information can be expressed at document or line level although the information available at line level is restricted to dates and times in the basic documents
- NES uses Delivery Location (rather than Delivery Address) to specify a point of Delivery

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### 2 delivery classes and elements

Delivery information is described in the Delivery class.

Delivery may be specified at document and line level.

In the basic NES Order and Invoice documents Delivery Location may be only stated at document level while delivery dates and times may differ by line.

In the library level NES Order and Invoice documents, Delivery Dates, Times, Locations and Parties may be specified at document and line level.

Note: refer to the 'NES Guideline - Delivery Terms' for detailed information on terms relating to Delivery e.g. identifiers, special terms and Location-specific terms.

#### 2.1 Delivery

Delivery information is described in the Delivery class. Associated information is described in:

1. Delivery Location
2. Delivery Period
3. Delivery Party

NES has no element in which to specify a requested delivery date. If a requested delivery date is required, it must be stated in *RequestedDeliveryPeriod* using identical start and end dates.

##### 2.1.1 Delivery elements

name	definition	cardinality
ID	the identifier for the Delivery	0..1
Quantity	the quantity in a Delivery	0..1
MinimumQuantity	the minimum quantity in a Delivery	0..1
MaximumQuantity	the maximum quantity in a Delivery	0..1
ActualDelivery Date	the actual date of the Delivery	0..1
ActualDelivery Time	the actual time of the Delivery	0..1
LatestDelivery Date	the latest date of the Delivery allowed by the Customer	0..1
LatestDelivery Time	the latest time of the Delivery allowed by the Customer	0..1

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<i>DeliveryLocation</i>	an association to Location for Delivery	0..1
<i>RequestedDeliveryPeriod</i>	the Period requested (by the Customer) for a Delivery	0..1
<i>PromisedDeliveryPeriod</i>	the Period promised (by the Supplier) for a Delivery	0..1
<i>EstimatedDeliveryPeriod</i>	the Period estimated (by the Supplier) for a Delivery	0..1
<i>DeliveryParty</i>	the Party to whom the goods/services are delivered	0..1

### 2.2 Delivery Location

Delivery Location describes the location for Delivery descriptively or via codes. Delivery Location also describes, optionally, any special conditions that relate to the point of Delivery.

#### 2.2.1 Delivery Location elements

name	definition	cardinality
ID	the identifier for the Delivery Location e.g. the GS1 Location Code, GLN	0..1
Description	a description or the name of the Delivery Location	0..1
Conditions	conditions describing the location	0..1
<i>Address</i>	an association to Address	0..1

#### 2.2.2 Address elements

The following classes inherit elements from the Address class:

- DeliveryLocation.Address
- DeliveryParty.PostalAddress
- DeliveryParty.PhysicalLocation.Address

name	definition	cardinality
Identifier	an identifier for a specific address within a scheme of registered addresses	0..1
AddressFormatCode	a code specifying the format of	0..1

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	this address	
Postbox	a post office box number	0..1
Floor	an addressable floor of a building	0..1
Room	a room, suite, or apartment of a building	0..1
StreetName	the name of a street	0..1
AdditionalStreetName	an additional name of a street used to further specify the street name	0..1
BuildingName	the name of a building	0..1
BuildingNumber	the number of a building	0..1
Department	an addressable department of an organisation	0..1
MarkAttention	the name, expressed as text, of a person or department in the organization to whom incoming mail is marked with words such as 'for the attention of' or 'FAO' or 'ATTN'	0..1
MarkCare	the name, expressed as text, of a person or organization at this address to whom incoming mail is marked with words such as 'care of' or 'C/O'	0..1
CityName	the name of a city, town, or village	0..1
PostalZone	the identifier for an addressable group of properties according to the relevant national postal service, such as a ZIP code or Post Code	0..1
CountrySubentity	a territorial division of a country, such as a county or state	0..1
CountrySubentityCode	a territorial division of a country, such as a county or state, expressed as a code	0..1
Region	an addressable region or group of countries	0..1
District	a geographical division of a country	0..1

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### 2.3 Period

The following classes inherit elements from the Period class:

- RequestedDeliveryPeriod
- PromisedDeliveryPeriod
- EstimatedDeliveryPeriod

A Period is specified by a start and end dates and times. Further textual description may be used to describe the Period.

NES contains elements for specifying an actual delivery date and time, but not an actual Delivery Period. In this instance, the last date in the Delivery Period is entered as the actual delivery date.

#### 2.3.1 Period elements

name	definition	cardinality
StartDate	the start date of the Period	0..1
StartTime	the start time of the Period	0..1
EndDate	the end date of the Period	0..1
EndTime	the end time of the Period	0..1
Description	a description of the Period	0..n

### 2.4 Delivery Party

Delivery Party inherits from the Party class.

The Delivery Party is the business party who is responsible for receiving the and taking legal ownership of the delivered Item. The Postal Address or Physical Location of the Delivery Party cannot be assumed to be the point to which the Delivery is to be made; the latter is described in Delivery Location.

Example: an item ordered by a hospital (Delivery Party; has legal ownership of the item) for delivery to a private citizen i.e. a home address (DeliveryLocation).

Note: refer to the 'NES Guideline - Party' for detailed information.

#### 2.4.1 Delivery Party elements

name	definition	cardinality
WebsiteURI	the Uniform Resource Identifier (URI) of the Party	0..1
LogoReferenceID	a Party's logo	0..1



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EndpointID	an identifier for the end point of the routing service, e.g., GS1 Location Code, email address	0..1
<i>PartyIdentification</i>	an association to Party Identification	0..n
<i>PartyName</i>	an association to Party Name	0..n
<i>PartyLanguage</i>	an association to Language	0..1
<i>PostalAddress</i>	an association to address (see 2.2.2 above)	0..1
<i>PhysicalLocation</i>	an association to Location	0..1
PartyTaxScheme	an association to Party Tax Scheme (see also 'NES Guideline - Tax')	0..n
PartyLegalEntity	an association to Party Legal Entity	0..1
Contact	an association to Contact	0..1
Person	an association to Person	0..1